10/2/16,828 Date: 4-1-05

		US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT;	,
1159	optical adj2 mouse	IBM_TDB	4/1/05 8:46
	((359/618,813-814,822-824) or	US-PGPUB; USPAT; USOCR;	
3757	(369/44.15,44.16)).CCLS.	IBM_TDB	4/1/05 8:47
		US-PGPUB; USPAT; USOCR;	
_		EPO; JPO; DERWENT;	
2	1 and 2	IBM_TDB	4/1/05 8:47
256	(24E/466) CCL C	US-PGPUB; USPAT; USOCR; IBM TDB	4/1/05 8:54
230	(345/166).CCLS.	US-PGPUB; USPAT; USOCR;	4/1/05 6.54
		EPO; JPO; DERWENT;	
77	4 and transparent	IBM_TDB	4/1/05 8:54
		US-PGPUB; USPAT; USOCR;	
		EPO; JPO; DERWENT;	·
84	4 and (transparent or opaque)	IBM_TDB	4/1/05 8:54
		US-PGPUB; USPAT; USOCR;	
234	(345/166).CCLS.	IBM_TDB	4/1/05 8:53
0000	((359/618,813-814,822-824) or	US-PGPUB; USPAT; USOCR;	A14 (OE 0.47
2939	(369/44.15,44.16)).CCLS.	IBM_TDB US-PGPUB; USPAT;	4/1/05 8:47
1	KATO-NORHIRO\$9.in.	IBM_TDB	12/17/04 11:08
'	704 10-1401(1 III 10 40 3.III	US-PGPUB; USPAT;	12/11/04 11:00
1	KATO-NORHIRO\$9.in.	IBM_TDB	12/17/04 11:08
	("5448649").URPN.	USPAT	12/17/04 11:07
17	chen-dennis\$9.in.	USPAT	12/17/04 11:07
			•
•	("4120585" "4525859" "4537484" "4832485"	LIC DODUB, LICDAT, LICOCB	12/17/04 10:28
8	"5040223" "5146102" "5224174" "5289253").PN. (((light or illumination) with source) or laser or diode)	US-PGPUB; USPAT; USOCR	12/17/04 10:20
	same (split\$5 or beam\$2split\$5 or light\$2split\$5)		
	same (photo\$2diode or detect\$5 or sens\$5) same	US-PGPUB; USPAT;	
281	imag\$5 same transparent	IBM_TDB	12/17/04 7:44
		US-PGPUB; USPAT;	·
1	S119 and S132	IBM_TDB	12/17/04 7:44
	· · · · · · · · · · · · · · · · · · ·		
	(((light or illumination) with source) or laser or diode) same (split\$5 or beam\$2split\$5 or light\$2split\$5)	US-PGPUB; USPAT;	
22845	same (photo\$2diode or detect\$5 or sens\$5)	IBM TDB	12/17/04 7:43
	("4626920").URPN.	USPAT	12/17/04 7:48
	("4878122").URPN.	USPAT	12/17/04 7:39
•	("4441791" "4626920" "4857978" "5170283"		
	"5258775" "5311360" "5459610" "5661592"		
	"5677783" "5808797" "5822110" "5841579"		
_	"5844711" "5982553" "6084626" "6088102"	LIO DODLID LICENT LICES	404710470
18	"6215579" "6307663").PN.	US-PGPUB; USPAT; USOCR	12/17/04 7:38

8	("4868668" "5386253" "5982553" "6052166" "6307663" "6384959" "6411425" "6476848").PN	US-PGPUB; USPAT; USOCR	12/17/04 7:36
1403	(((light or illumination) with source) or laser or diode) with (split\$5 or beam\$2split\$5 or light\$2split\$5) with (photo\$2diode or detect\$5 or sens\$5) same imag\$5	US-PGPUB; USPAT; IBM_TDB US-PGPUB; USPAT;	12/17/04 7:35
8	S119 and S126	IBM_TDB	12/17/04 7:35
9638	(((light or illumination) with source) or laser or diode) with (split\$5 or beam\$2split\$5 or light\$2split\$5) with (photo\$2diode or detect\$5 or sens\$5)	US-PGPUB; USPAT; IBM_TDB US-PGPUB; USPAT;	12/17/04 7:34
0	S123 and (image with retriev\$5)	IBM_TDB US-PGPUB; USPAT;	12/17/04 7:34
76	S123 and (imag\$5)	IBM_TDB	12/17/04 7:34
85	S118 and S121	US-PGPUB; USPAT; IBM_TDB US-PGPUB; USPAT;	12/17/04 7:33
195	S118 and S120	IBM_TDB US-PGPUB; USPAT; USOCR;	12/17/04 7:33
2019	((359/618,813-814) or (369/44.15,44.16)).CCLS. ((359/618,813-814) or (369/44.15,44.16) or (382/126)	IBM_TDB US-PGPUB; USPAT; USOCR;	12/17/04 7:29
2348	or (345/166)).CCLS. ((359/618,813-814,822-824) or	IBM_TDB US-PGPUB; USPAT; USOCR;	12/17/04 7:29
3683	(369/44.15,44.16)).CCLS. ((359/618,813-814,822-824) or	IBM_TDB US-PGPUB; USPAT; USOCR;	12/17/04 7:28
2939	(369/44.15,44.16)).CCLS.	IBM_TDB	12/15/04 11:14
2	("4560457" "5396061").PN. ("3205774" "4422169" "5612826" "6108292"	US-PGPUB; USPAT; USOCR	12/15/04 11:09
6	"6270696").PN.	US-PGPUB; USPAT; USOCR	12/15/04 11:07
	("6108292").URPN.	USPAT	12/15/04 11:07
		US-PGPUB; USPAT;	
72	martinez-joseph\$9.xa.	IBM_TDB US-PGPUB; USPAT;	12/15/04 10:57
9	S112 and (objective with lens)	IBM_TDB US-PGPUB; USPAT;	12/15/04 10:57
21	S110 and split\$5	IBM_TDB US-PGPUB; USPAT;	12/15/04 10:56
196	S107 and OPTICAL .	IBM_TDB US-PGPUB; USPAT;	12/15/04 7:00
8	S107 and (beam adj split\$4)	IBM_TDB US-PGPUB; USPAT;	12/15/04 6:59
1	S108 AND "2673"	IBM_TDB US-PGPUB; USPAT;	12/15/04 6:58
. 0	S104 and (beam with splitter)	IBM_TDB	12/14/04 17:00
2	S104 and (beam with split\$5)	US-PGPUB; USPAT; IBM_TDB	12/14/04 17:00

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		US-PGPUB; USPAT;	
35	(optical adj2 mouse) and (beam with splitter)	IBM_TDB	12/14/04 16:59
		US-PGPUB; USPAT;	
76	(optical adj2 mouse).ti.	IBM_TDB	12/14/04 16:59
	(US-PGPUB; USPAT;	
1	(optical adj2 mouse) same (beam with splitter)	IBM_TDB	12/14/04 16:58
•	(opinear da)2 modes) same (beam min spinior)	US-PGPUB; USPAT;	12.7
. 1	(optical adj2 mouse) same splitter	IBM_TDB	12/14/04 16:58
'	(option adj2 modse) sume spintor	US-PGPUB; USPAT;	12/14/04 10:00
0	S101 not S100	IBM_TDB	12/14/04 16:58
U	5101 1101 5100	US-PGPUB; USPAT;	12/14/04 10:50
60	(optical adj2 point\$5) same (beam with splitter)	IBM_TDB	12/14/04 16:58
U9	(optical wadj2 mouse) and (image with retriev\$5) and	US-PGPUB; USPAT;	12/14/04 10.50
500		IBM_TDB	12/14/04 16:57
502	(beam with splitter)		12/14/04 10.57
0	(optical adj2 mouse) and (image with retriev\$5) and	US-PGPUB; USPAT;	40/44/04 46:57
Ü	(beam with splitter)	IBM_TDB	12/14/04 16:57
4.0	(optical with mouse) and (image with retriev\$5) and	US-PGPUB; USPAT;	40/44/04 40 50
18	(beam with splitter)	IBM_TDB	12/14/04 16:56
_	(optical with mouse) and (image with retriev\$5 with	US-PGPUB; USPAT;	101111011055
0	method) and (beam with splitter)	IBM_TDB	12/14/04 16:55
		US-PGPUB; USPAT;	
- 243	(optical with mouse) and (image with retriev\$5)	IBM_TDB	12/14/04 16:55
	(optical with mouse) and (image with retriev\$5 with	US-PGPUB; USPAT;	
44	method)	IBM_TDB	12/14/04 16:54
		US-PGPUB; USPAT;	
3453	(optical with mouse)	IBM_TDB	12/14/04 16:53
		US-PGPUB; USPAT;	
243	(optical with mouse) and (image with retriev\$5)	IBM_TDB	12/14/04 16:53
		US-PGPUB; USPAT;	
30	S89 and "359"/\$.ccls.	IBM_TDB	12/14/04 16:27
		US-PGPUB; USPAT;	
76	werner-brian.xp.	IBM_TDB	12/14/04 16:27
		US-PGPUB; USPAT;	
71	S86 and splitter	IBM_TDB	12/14/04 16:24
		US-PGPUB; USPAT;	
0	S86 and (optical with mouse)	IBM_TDB	12/14/04 16:24
	•	US-PGPUB; USPAT;	,
334	chang-audrey\$9.xp.	IBM_TDB	12/14/04 16:20
		US-PGPUB; USPAT; USOCR;	
. 1	("6400492").PN.	IBM_TDB	12/14/04 16:19
	· · · · · · · · · · · · · · · · · · ·	_	
	((SUZUKI-JUNICHI\$9.in. and (objective adj lens)) or		
	KATO-NORHIRO\$9.in. or (TANAKA-TETSU\$9.in.		
	and (objective adj lens)) or (KUBO-TAKESHI\$9.in.	US-PGPUB; USPAT;	
2	and (objective adj lens))) and (slide adj base)	IBM_TDB	9/14/04 15:31
_		-	
	((SUZUKI-JUNICHI\$9.in. and (objective adj lens)) or		
	KATO-NORHIRO\$9.in. or (TANAKA-TETSU\$9.in.		
	and (objective adj lens)) or (KUBO-TAKESHI\$9.in.		
	and (objective adj lens))) and (((359/618,813-814,822-	US-PGPUB: USPAT:	
2	824) or (369/44.15,44.16)).CCLS.)	IBM_TDB	9/14/04 15:31
_			,, , , , - , - , -

		•	
	(objective adj lens) and (base and core and conductor	US-PGPUB; USPAT;	
65	and electric\$5 and board)	IBM_TDB	9/14/04 15:16
	(((359/618,813-814,822-824) or		
	(369/44.15,44.16)).CCLS.) and ((objective adj lens)		
	and (base and core and conductor and electric\$5 and	US-PGPUB; USPAT;	
8	board))	IBM TDB	9/14/04 15:10
	(objective adj lens) and (base and core and conductor	_	
176	and electric\$5)	IBM_TDB	9/14/04 15:1
.,.	((359/618,813-814,822-824) or	US-PGPUB; USPAT; USOCR;	
3032	(369/44.15,44.16)).CCLS.	IBM_TDB	9/14/04 14:5
0002	((objective adj lens) and (base and core and		0,11,0111.0
	conductor and electric\$5)) and (((359/618,813-	US-PGPUB; USPAT;	
12	814,822-824) or (369/44.15,44.16)).CCLS.)	IBM_TDB	9/14/04 14:5
, 2	(objective adj lens) and (base same core same	US-PGPUB; USPAT;	0/14/04 14.0
1	conductor same electric\$5)	IBM_TDB	9/14/04 14:5
7	conductor same electricus	US-PGPUB; USPAT;	3/14/04 14.5/
59	(objective adj lens) and (slide adj base)	IBM_TDB	9/14/04 14:4
50	((objective adj lens) and (slide adj base)) and core	US-PGPUB; USPAT;	3/14/04 14.4
2	and conductor and electric\$5	IBM_TDB	9/14/04 14:4
2	((objective adj lens) and (slide adj base)) not	IBIVI_I DB	3/14/04 14.4
		LIS DODLID: LISBAT:	•
	(((objective adj lens) and (slide adj base)) and core	US-PGPUB; USPAT;	0/44/04 44/4
50	and conductor and electric\$5)	IBM_TDB	9/14/04 14:4
•	KURO TAKECUIGO in and (abinative editora)	US-PGPUB; USPAT;	0/44/04 44-0
б	KUBO-TAKESHI\$9.in. and (objective adj lens)	IBM_TDB	9/14/04 14:3
•	TANIAKA TETOLIKO in and /akinakina adilana)	US-PGPUB; USPAT;	0/44/04 44:0
3	TANAKA-TETSU\$9.in. and (objective adj lens)	IBM_TDB	9/14/04 14:3
_	IXUDO TAKCOLUOO's and Addington addings)	US-PGPUB; USPAT;	0/4.4/0.4.4.4.0
5	KUBO-TAKESHI\$9.in. and (objective adj lens)	IBM_TDB	9/14/04 14:3
4.4	017070 11110 1100 1100 12 2 2 4 (21/22)	US-PGPUB; USPAT;	0/44/04 44 0
11	SUZUKI-JUNICHI\$9.in. and (objective adj lens)	IBM_TDB	9/14/04 14:3
	KATO NOBINDOMO:	US-PGPUB; USPAT;	0/44/04 44 0
1	KATO-NORHIRO\$9.in.	IBM_TDB	9/14/04 14:3
	TANIA/A TETOLIOC:	US-PGPUB; USPAT;	0/44/04 44 0
4	TANAKA-TETSU\$9.in. and (objective adj lens)	IBM_TDB	9/14/04 14:3
		US-PGPUB; USPAT;	54446444
	SUZUKI-JUNICHI\$9.in. and (objective adj lens)	IBM_TDB	9/14/04 14:3
	4759005.URPN.	USPAT	5/3/04 17:2
0	6587284.URPN.	USPAT	5/3/04 16:4
	("5285434" "5321678" "5359459" "5561646"		
	"5905255" "5949590" "6278669").PN.	USPAT	5/3/04 16:4
2	5949590.URPN.	USPAT	5/3/04 16:3
	("5285434" "5321678" "5359459" "5561646"		
5	"5949590").PN.	USPAT	5/3/04 16:2
		US-PGPUB; USPAT;	
8436	coil with board	IBM_TDB	5/3/04 16:20
		US-PGPUB; USPAT;	
114	coil adj board	IBM_TDB	5/3/04 16:20
	((359/618,813-814,822-824) or	US-PGPUB; USPAT; USOCR;	
2939	(369/44.15,44.16)).CCLS.	IBM_TDB	5/3/04 16:2
	(coil adj board) and (((359/618,813-814,822-824) or	US-PGPUB; USPAT;	
6	(369/44.15,44.16)).CCLS.)	IBM_TDB	5/3/04 16:20

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	3 5870373.URPN.	USPAT	5/1/04 11:47
	2 6016292.URPN.	USPAT	5/1/04 11:44
	2 5768037.URPN	USPAT	5/1/04 11:43
	35 4759005.URPN.	USPAT	5/1/04 11:40
	((((359/618,813-814,822-824) or		
	(369/44.15,44.16)).CCLS.) and (coil\$3 same magnet		
	same (objective adj lens))) and (print\$4 with board)	US-PGPUB; USPAT;	
	70 with coils	IBM_TDB	5/1/04 11:37
		US-PGPUB; USPAT;	
	6 (print\$4 adj coil adj board) with coils	IBM_TDB	5/1/04 11:36
	(((359/618,813-814,822-824) or	<u>_</u>	
	(369/44.15,44.16)).CCLS.) and (coil\$3 same magnet	US-PGPUB; USPAT;	
3	60 same (objective adj lens))	IBM_TDB	5/1/04 11:36
•	((((359/618,813-814,822-824) or		
	(369/44.15,44.16)).CCLS.) and (coil\$3 same magnet		
	same (objective adj lens))) and (print\$4 adj coil adj	US-PGPUB; USPAT;	
	4 board)	IBM_TDB	5/1/04 11:36
	(((((359/618,813-814,822-824) or	_	
	(369/44.15,44.16)).CCLS.) and (coil\$3 same magnet		
	same (objective adj lens))) and (print\$4 adj coil adj		
	board)) not ((((359/618,813-814,822-824) or	•	
	(369/44.15,44.16)).CCLS.) and ((print\$6 adj coil adj	US-PGPUB; USPAT;	
	0 board) same magnet same (objective adj lens)))	IBM_TDB	5/1/04 11:36
	((((359/618,813-814,822-824) or		
	(369/44.15,44.16)).CCLS.) and (coil\$3 same magnet	US-PGPUB; USPAT;	
1	21 same (objective adj lens))) and (print\$4)	IBM_TDB	5/1/04 11:36
	(((359/618,813-814,822-824) or		
	(369/44.15,44.16)).CCLS.) and ((print\$6 adj coil adj	US-PGPUB; USPAT;	
	4 board) same magnet same (objective adj lens))	IBM_TDB	5/1/04 11:35
	(((359/618,813-814,822-824) or		
	(369/44.15,44.16)).CCLS.) and ((coil adj board) same	US-PGPUB; USPAT;	5/4/04/44/05
	4 magnet same (objective adj lens))	IBM_TDB	5/1/04 11:35
		US-PGPUB; USPAT;	5/4/04/44:00
	6 (print\$4 adj2 coil adj2 board) and (single with magnet)	IBM_TDB	5/1/04 11:32
	0 (:	US-PGPUB; USPAT;	5/1/04 11:32
	0 (print\$4 adj2 coil adj2 board).ti.	IBM_TDB US-PGPUB; USPAT;	5/1/04 11.32
	0 print\$4 adj2 circuit adj2 board adj 2coil	IBM_TDB	5/1/04 11:32
	o printo4 adje circuit adje board adj econ	US-PGPUB; USPAT;	3/1/04 11.02
	3 (print\$4 adj coil adj board) and (single with magnet)	IBM_TDB	5/1/04 11:31
	5 (printed adj con adj board) and (onigio with magnety	US-PGPUB; USPAT;	0, 1, 0 1 1, 1.0 1
	0 (print\$4 adj coil adj board) with (single adj magnet)	IBM_TDB	5/1/04 11:24
	· · · · · · · · · · · · · · · · · · ·	US-PGPUB; USPAT;	
	0 (print\$4 adj coil adj board) with (single with magnet)	IBM_TDB	5/1/04 11:24
		US-PGPUB; USPAT;	
	0 (print\$4 adj coil adj board) same (single with magnet)	IBM_TDB	5/1/04 11:24
	2 5949590.URPN.	USPAT	5/1/04 11:22
	0 6587284.URPN.	USPAT	5/1/04 11:22
	("5285434" "5321678" "5359459" "5561646"		
	7 "5905255" "5949590" "6278669").PN.	USPAT	5/1/04 11:22
	2 ("5828634" "6344936").PN.	USPAT	5/1/04 11:21

("5285434" "5321678" "5359459" "5561646"		
5 "5949590").PN.	USPAT	5/1/04 11:21
1 6344936.ÚRPN.	USPAT	5/1/04 11:20
1 6377407.URPN.	USPAT	4/30/04 17:22
0 6519100.URPN.	USPAT	4/30/04 17:20
("5627687" "5636068" "5903539" "5926327"		
6 "6317277" "6377407").PN.	USPAT	4/30/04 17:20
, , , , , , , , , , , , , , , , , , , ,		
4 ("4669823" "4702555" "5208703" "5566149").PN	USPAT	4/30/04 17:20
5 5926327.URPN.	USPAT	4/30/04 17:16
4 ("5428589" "5446721" "5602808" "5748580").PN	USPAT	4/30/04 17:07
("4449213" "4653856" "4669823" "4702555"		
"4766583" "4927235" "4948230" "5046820"		
"5073883" "5144607" "5161067" "5208703"		
"5220459" "5313334" "5323378" "5428481"		
17 "5446721").PN.	USPAT	4/30/04 17:03
10 5446721.URPN.	USPAT	4/30/04 17:01
("5446721" "5598397" "5877904" "5905255"		
8 "5926327" "5940227" "5999501" "6163416").PN.	USPAT	4/30/04 16:59
0 6643229.URPN.	USPAT	4/30/04 16:56
("5043964" "5430699" "5905255" "6084834"		
6 "6181670" "6341104").PN.	USPAT	4/30/04 16:56
5 6341104.URPN.	USPAT	4/30/04 16:49
3 5940227.URPN.	USPAT	4/30/04 14:21
0 5724324.URPN.	USPAT	4/30/04 14:20
4 5218483.URPN.	USPAT	4/30/04 14:19
(objective adj lens) same coil\$4 same (single with	US-PGPUB; USPAT;	•
21 magnet)	IBM_TDB	4/30/04 14:17
12 4482988.URPN.	USPAT	4/30/04 14:17
•	US-PGPUB; USPAT;	
2450 (objective adj lens) and coil\$4 and magnet	IBM_TDB	4/30/04 14:16
3 ("4759005" "5177640" "5548449").PN.	USPAT	4/30/04 14:12
10 4782475.URPN.	USPAT	4/30/04 10:24
(((359/618,813-814,822-824) or		
(369/44.15,44.16)).CCLS.) and ((objective adj lens)	US-PGPUB; USPAT;	
475 and coil\$4 and magnet)	IBM_TDB	4/30/04 10:23
((((359/618,813-814,822-824) or		
(369/44.15,44.16)).CCLS.) and ((objective adj lens)	US-PGPUB; USPAT;	
30 and coil\$4 and magnet)) and north and south	IBM_TDB	4/30/04 10:23
16 4813033.URPN.	USPAT	4/30/04 10:08
14 4507765.URPN.	USPAT	4/30/04 10:05
	US-PGPUB; USPAT;	
89 SUZUKI-JUNICHI\$9.in.	IBM_TDB	4/30/04 10:02
7 5727111.URPN.	USPAT	4/30/04 10:00
A TANAKA TETOLIAN:	US-PGPUB; USPAT;	4100104070
4 TANAKA-TETSU\$9.in. and lens	IBM_TDB	4/30/04 9:58
20 KUDO TAKECHIGO :>	US-PGPUB; USPAT;	4/00/04 0:50
20 KUBO-TAKESHI\$9.in.	IBM_TDB	4/30/04 9:58